

APPENDIX I

Online Data Resources for Biological Monitoring and Adaptive Management

(hyperlinked)

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INTERNAL RESOURCES **CDFG Data and Maps**

Data Portal: Use the data portal to query CDFG's constantly updated databases, and to generate up-to-date lists and reports. Topics covered include angling records, fishing contests, access to the department's complete species list, the [habitat tracking and reporting tool](#), and many resources for authenticated CDFG employees, partners and subscribers.

Document Library: Use the dynamic search features of the document library to quickly and easily locate, view and download important documents held by CDFG. The holdings include species descriptions, monitoring reports and recovery plans, as well as news releases, resources for CDFG employees and much more.

BIOS: Biogeographic Information and Observation System. Online mapping tool designed to enable the visualization, management and analysis of a wide range of biogeographic data collected by CDFG and partner organizations.

Biogeographic Data Branch (BDB): BDB provides a leadership, policy, and standards setting role for biological and geographic data management activities for the entire California Department of Fish and Game, its contractors, and partner organizations. BDB contains biological data development programs that are especially dependent and closely linked with GIS and emerging related technologies.

California Natural Diversity Database (CNDDDB): A natural heritage program providing rare, endangered, and special status species information for use in conservation and resource management.

RareFind: A data query and reporting application with access to all CNDDDB data; regularly updated.

California Wildlife Habitat Relationships (CWRH): CWHR contains life history, geographic range, habitat relationships, and management information on 694 species of amphibians, reptiles, birds, and mammals in California.

The Vegetation Classification and Mapping Program (VegCAMP): VegCAMP's goal is to develop and maintain maps and the classification of all vegetation and habitats in the state to support conservation and management decisions at the local, regional and state levels.

Geographic Information Systems (GIS): The GIS unit assists CDFG's divisions and regions with the collection, documentation, and analysis of spatial data needed to support good conservation decisions. This includes online mapping tools, a GIS data warehouse, software support, and custom tools.

EXTERNAL RESOURCES

Other Data and Mapping Resources

Coordination with larger regional resource planning serves to improve the long-term viability of habitats and species while providing access to additional data and technical expertise. Key resources for biological planning and monitoring that share common goals as well as local interest in protecting the ecological integrity of the HJWA include:

- [Assessment of Mule and Black-tailed Deer Habitats and Populations in California](#)
- [California Digital Atlas, Inventory, Monitoring and Assessment Program \(IMAPS\)](#)
- [California Environmental Digital Library Network \(CalEDLN\)](#)
- [California Environmental Resources Evaluation System \(CERES\)](#)
- [California Legacy Project](#)
- [California Water Resources Control Board, Surface Water Ambient Monitoring Program \(SWAMP\)](#)
- [California Watershed Funding Database](#)
- [California Watershed Portal Maps and Tools](#)
- [California Wetlands Information System](#)
- [CalPIF Avian Conservation Plan for the Sierra Nevada Bioregion](#)
- [CalPIF Riparian Bird Conservation Plan](#)
- [CalPIF Sagebrush Bird Conservation Plan](#)
- [Environmental Protection Indicators Program \(EPIC\)](#)
- [IMJV Coordinated Implementation Plan for Bird Conservation in California](#)
- [Natural Resource Projects Inventory \(NRPI\)](#)
- [Nevada and Eastern California Sage-grouse Conservation Plan](#)
- [Nevada Department of Wildlife Management Plan for Mule Deer](#)
- [North American Mule Deer Conservation Plan](#)

Inventory and Monitoring Assistance

- [California State University, Chico](#)
- [Lahontan Audubon Society](#)
- [Truckee Meadows Community College](#)
- [University of Nevada, Reno](#)